

[54] **PRINTER CIRCUIT BOARD SEPARABLE CONNECTOR**

[76] Inventors: Alvin A. Snaper, 2800 Camero Cir., Las Vegas, Nev. 89107; Jerome D. Snaper, Jahn Strasse 17, 6204 Taunusstein/Hahn, Fed. Rep. of Germany

[21] Appl. No.: 138,308

[22] Filed: Dec. 22, 1987

[51] Int. Cl.<sup>4</sup> ..... H01R 39/00

[52] U.S. Cl. .... 439/31; 439/13; 439/65

[58] Field of Search ..... 439/11, 13, 28, 29, 439/31, 65, 76

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

3,199,059	8/1965	Masse et al.	439/31
3,258,736	6/1966	Crawford et al.	439/65
4,657,320	4/1987	Bamford et al.	439/31
4,715,819	12/1987	Iwasa et al.	439/31

**FOREIGN PATENT DOCUMENTS**

0251515 1/1988 European Pat. Off. .... 439/31

**OTHER PUBLICATIONS**

P. R. Schultz; "Pivot Connector"; IBM Tech. Disclosure Bulletin, vol. 6, No. 3, Aug. 1963, p. 79.

*Primary Examiner*—William L. Sikes

*Assistant Examiner*—B. R. R. Holloway

*Attorney, Agent, or Firm*—Donald D. Mon; David O'Reilly

[57] **ABSTRACT**

A separable connector for mounting printed circuit boards which permits easy removal or swiveling for repair or replacement. The connector has a chassis or surface mounting header having a plurality of solder connections to interconnect with main circuits. The header has sockets with latches for receiving mounting pins on a cylindrical connector securely attached to a printed circuit board with rivets and solder connections. The cylindrical connector has wrap-around contacts on a cylindrical shaft mating with concave contacts on the header which maintain electrical contact as the circuit board swivels.

**5 Claims, 1 Drawing Sheet**

